

Friction Lab

Normal Force:

Friction Force:

Objective: Determine which factors affect friction.

Materials:

Wood Blocks

Spring Scale

String

Tape

Surfaces (tile, carpet, lab table, sandpaper)

Procedure:

1. Test different factors that may affect the force of friction.
2. Record all data

Results:

1. What happens to the force of friction if I double the weight by stacking one block on top of the other?
2. What happens to the force of friction if I keep the weight the same but double the surface area?
3. How does the surface type affect the force of friction?
4. What factors affect the force of friction?

